

HQ series



HQ-112.95-DX

DAS Audio Group, S.L. - C/ Islas Baleares 24 - 46988
Fuente del Jarro - Valencia - Spain - Tel. +34961340860
Updated (DD/MM/YYYY): 16/04/2025



SOUND WITH SOUL

KEY FEATURES

- Two-way long-throw system
- DX finish (Fiberglass) for direct exposure
- Horn loaded 12" low frequency loudspeaker
- M-78N neodymium compression driver
- Selectable passive/bi-amplified operating modes
- Wide 90° x 50° coverage angles
- Rotatable horns
- Stainless steel rigging kit

DESCRIPTION

HQ-112.95 is a configurable, wide-range passive or bi-amplified two-way system designed for long-throw applications, providing efficient coverage over large distances. It is equipped with a 12" mid-low frequency driver, coupled to a high-Q waveguide to optimize coverage and performance, and an M-78N compression driver with a 1.5" titanium diaphragm. The system is optimized to deliver a clear and precise acoustic response. Additionally, it incorporates two rotatable waveguides, one for mid frequencies and one for high frequencies, facilitating installation in various configurations.

HQ-112.95 covers a frequency range of 80 Hz to 18 kHz, reaching a maximum sound pressure level of 143 dB SPL in passive mode. It has a power handling capacity of 400 W RMS and 1600 W peak in passive mode, with a nominal impedance of 8 ohms. In bi-amplified mode, the system handles up to 400 W RMS for mid frequencies and 150 W RMS for high frequencies.

The system is available in two versions: CX (Covered Exposure), which is protected with an ISO-flex coating both externally and internally, and DX (Direct Exposure), which adds an external fiberglass layer and an internal gel seal for enhanced weather resistance. Both versions comply with the IP54 standard, ensuring durability in demanding environments.

Equipped with M10 rigging points, HQ-112.95 offers controlled coverage of 90° x 50° in large venue, hall, or auditorium configurations and is designed to provide precise horizontal and vertical dispersion.

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SPECIFICATIONS

Performance

| | |
|-------------------------------|---------------------|
| Frequency Range (-10 dB) | 80 Hz – 18 kHz |
| Horizontal Coverage (-6 dB) | 90° |
| Vertical Coverage | 50° |
| Nominal Impedance | Passive: 8 ohms |
| Nominal Impedance MF | 8 ohms |
| Nominal Impedance HF | 8 ohms |
| RMS Power Handling | Passive: 400 W |
| RMS Power Handling HF | 150 W |
| RMS Power Handling MF | 400 W |
| Peak Power Handling | Passive: 1600 W |
| Peak Power Handling MF | 1600 W |
| Peak Power Handling HF | 400 W |
| On-axis Sensitivity 1W/1 m | Passive: 109 dB SPL |
| On-axis Sensitivity 1W/1 m MF | 109 dB SPL |
| On-axis Sensitivity 1W/1 m HF | 109 dB SPL |
| Maximum Peak SPL at 1 m | Passive: 141 dB |
| Maximum Peak SPL at 1 m MF | 141 dB |
| Maximum Peak SPL at 1 m HF | 137 dB |
| Recommended Processor | INTEGRAL-M88 |
| | INTEGRAL-MA1604 |
| | INTEGRAL-MA1004 |

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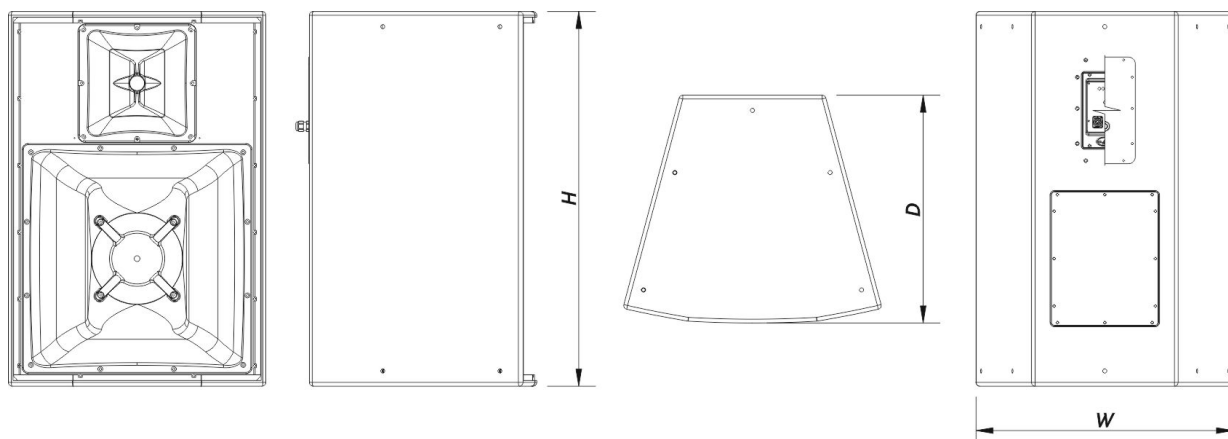
| | |
|---------------------------------|--|
| Audio Input Connector | 1 x speakON NL4 Covered Barrier Strip Terminals |
| Audio Output Connector | 1 x speakON NL4 Covered Barrier Strip Terminals |
| Enclosure | |
| Enclosure Construction | Birch Plywood |
| Enclosure Geometry | Trapezoidal |
| Rigging | M10 Rigging Points |
| Finish | Fiberglass |
| Color | Black |
| Depth | 605 mm (24,0 in) |
| Dimensions (H x W x D) | 990 x 685 x 605 mm 39,0 x 27,0 x 24,0 in |
| Net Weight | 56,0 kg (123,5 lb) |
| Components | |
| LF Driver | 12HQN |
| HF Driver | M-78N |
| Horn/Waveguide | BCH-9050-7037 BCM-7545-7037 |
| Shipping | |
| Carton Dimensions (H x W x D) | 1.070 x 650 x 745 mm 42,1 x 25,6 x 29,3 in |
| Connectors | |
| Shipping Weight | 60,5 kg (133,4 lb) |

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DIMENSIONS



ORDERING INFORMATION

| Model | Description | P/N |
|--------------------------|--------------------|----------|
| System | | |
| HQ-112.95-DX | | 10432030 |
| Replacement Parts | | |
| 12HQN | Cone Transducer | 20208890 |
| BCH-9050-7037 | Horn | 30006308 |
| BCM-7545-7037 | Horn | 30006311 |
| F-HQ112.64.95 | Filter | 30009041 |
| GM-12HQ | Recone Kit | 20208536 |
| GM-M75N | Diaphragm | 20205080 |
| M-78N | Compression Driver | 20208860 |
| Accessories | | |

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| | | |
|-----------|---------------------|----------|
| ANL-2 | Rigging Accessories | 10101020 |
| AX-HQ-X12 | Rigging Accessories | 10107001 |
| JP-HQ-112 | Rigging Accessories | 10107003 |
| UFB | Rigging Accessories | 10105040 |

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